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NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced  
NEWS 5 AUG 30 CA(SM)/Caplus(SM) Austrian patent law changes  
NEWS 6 SEP 21 CA/Caplus fields enhanced with simultaneous left and right  
truncation  
NEWS 7 SEP 25 CA(SM)/Caplus(SM) display of CA Lexicon enhanced  
NEWS 8 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates  
NEWS 9 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine  
NEWS 10 SEP 28 CEABA-VTB classification code fields reloaded with new  
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NEWS 11 OCT 19 LOGOFF HOLD duration extended to 120 minutes  
NEWS 12 OCT 19 E-mail format enhanced  
NEWS 13 OCT 23 Option to turn off MARPAT highlighting enhancements available  
NEWS 14 OCT 23 CAS Registry Number crossover limit increased to 300,000 in  
multiple databases  
NEWS 15 OCT 23 The Derwent World Patents Index suite of databases on STN  
has been enhanced and reloaded  
NEWS 16 OCT 30 CHEMLIST enhanced with new search and display field  
NEWS 17 NOV 03 JAPIO enhanced with IPC 8 features and functionality  
NEWS 18 NOV 10 CA/Caplus F-Term thesaurus enhanced  
NEWS 19 NOV 10 STN Express with Discover! free maintenance release Version  
8.01c now available  
NEWS 20 NOV 20 CAS Registry Number crossover limit increased to 300,000 in  
additional databases  
NEWS 21 NOV 20 CA/Caplus to MARPAT accession number crossover limit increased  
to 50,000  
NEWS 22 DEC 01 CAS REGISTRY updated with new ambiguity codes  
NEWS 23 DEC 11 CAS REGISTRY chemical nomenclature enhanced  
NEWS 24 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated  
NEWS 25 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and  
functionality  
NEWS 26 DEC 18 CA/Caplus pre-1967 chemical substance index entries enhanced  
with preparation role  
NEWS 27 DEC 18 CA/Caplus patent kind codes updated  
NEWS 28 DEC 18 MARPAT to CA/Caplus accession number crossover limit increased  
to 50,000  
NEWS 29 DEC 18 MEDLINE updated in preparation for 2007 reload  
NEWS 30 DEC 27 CA/Caplus enhanced with more pre-1907 records  
  
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
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AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.  
  
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\*\*\*\*\* STN Columbus \*\*\*\*\*

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=> s stent# and coat?
L1      21668 STENT# AND COAT?
```

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=> s l1 and (layer? or region?)
L2      13842 L1 AND (LAYER? OR REGION?)
```

```
=> s l2 and (cyclohexylethylethylene or propethylethylene or trimethylethylene or
dimethylpentylethylene or trifluoroethoxytrifluoroethylethylene or
methoxybenzoylethylene or dimethoxybenzoylethylene or cyclopentaoxyloxyethylene or
formyloxyethylethylene or butoxymethyl(w)styrene or butoxystyrene)
L3      5 L2 AND (CYCLOHEXYLETHYLETHYLENE OR PROPETHYLENE OR TRIMETHYLETH
YLENE OR DIMETHYLPENTYLETHYLENE OR TRIFLUOROETHOXYTRIFLUOROETHYL
ENE OR METHOXYBENZOYLETHYLENE OR DIMETHOXYBENZOYLETHYLENE OR
CYCLOPENAOLYOXYETHYLENE OR FORMYLOXYETHYLENE OR BUTOXYMETHYL(W)
STYRENE OR BUTOXYSTYRENE)
```

```
=> d l3 1-5 ibib abs
```

L3    ANSWER 1 OF 5    USPATFULL on STN

ACCESSION NUMBER: 2006:289249 USPATFULL  
 TITLE: Sulfonylaminovalerolactams and derivatives thereof as factor Xa inhibitors  
 INVENTOR(S): Smallheer, Joanne M., Yardley, PA, UNITED STATES  
 Pinto, Donald J., Kennett Square, PA, UNITED STATES  
 Wang, Shuaige, West Chester, PA, UNITED STATES  
 Qiao, Jennifer X., Princeton, NJ, UNITED STATES  
 Han, Wei, Yardley, PA, UNITED STATES  
 Hu, Zilun, Thornton, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006247243	A1	20061102
APPLICATION INFO.:	US 2006-472825	A1	20060621 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-429461, filed on 5 May 2003, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-378313P	20020506 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	LOUIS J. WILLE, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000, US 19	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4783	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present application describes sulfonylaminovalerolactams and derivatives thereof of Formula I: ##STR1## or pharmaceutically acceptable salt forms thereof, wherein ring G is a mono- or bicyclic carbocycle or heterocycle. Compounds of the present invention are useful as inhibitors of trypsin-like serine proteases, specifically factor Xa.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2006:202097 USPATFULL  
 TITLE: Medical devices having polymeric regions with copolymers containing hydrocarbon and heteroatom-containing monomeric species  
 INVENTOR(S): Richard, Robert E., Wrentham, MA, UNITED STATES  
 Schwarz, Marlene C., Auburndale, MA, UNITED STATES  
 Faust, Rudolf, Lexington, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006171981	A1	20060803
APPLICATION INFO.:	US 2005-48613	A1	20050201 (11)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MAYER & WILLIAMS PC, 251 NORTH AVENUE WEST, 2ND FLOOR, WESTFIELD, NJ, 07090, US		
NUMBER OF CLAIMS:	43		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Page(s)		
LINE COUNT:	1625		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB According to an aspect of the present invention, implantable or insertable medical devices are provided, which contain one or more polymeric regions. These polymeric regions, in turn, contain one or more polymers, at least one of which is a copolymer that includes the following: (a) one or more unsaturated hydrocarbon monomer species and (b) one or more heteroatom-containing monomer species.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2006:73781 USPATFULL

TITLE: Medicated coatings for implantable medical devices including polyacrylates

INVENTOR(S): Pacetti, Stephen Dirk, San Jose, CA, UNITED STATES  
Glauser, Thierry, Redwood City, CA, UNITED STATES

PATENT ASSIGNEE(S): Advanced Cardiovascular Systems, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006062824	A1	20060323
APPLICATION INFO.:	US 2004-948036	A1	20040922 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SQUIRE, SANDERS & DEMPSEY LLP, 1 MARITIME PLAZA, SUITE 74, SAN FRANCISCO, CA, 94111, US		
NUMBER OF CLAIMS:	74		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1067		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polymer for a medical device, particularly for a drug eluting stent, is described. The polymer can be derived from n-butyl methacrylate and can have a degree of an elongation at failure from about 20% to about 500%

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:7822 USPATFULL

TITLE: Sulfonylaminovalerolactams and derivatives thereof as factor Xa inhibitors

INVENTOR(S): Smallheer, Joanne M., Yardley, PA, UNITED STATES  
Pinto, Donald J., Kennett Square, PA, UNITED STATES  
Wang, Shuaige, West Chester, PA, UNITED STATES  
Qiao, Jennifer X., Princeton, NJ, UNITED STATES  
Han, Wei, Yardley, PA, UNITED STATES  
Hu, Zilun, Thornton, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004006062	A1	20040108
	US 7157470	B2	20070102
APPLICATION INFO.:	US 2003-429461	A1	20030505 (10)

	NUMBER	DATE
PATENT INFORMATION:	US 2002-378313P	20020506 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	5072	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present application describes sulfonylaminovalerolactams and derivatives thereof of Formula I: ##STR1##

or pharmaceutically acceptable salt forms thereof, wherein ring G is a mono- or bicyclic carbocycle or heterocycle. Compounds of the present

invention are useful as inhibitors of trypsin-like serine proteases, specifically factor Xa.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 5 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER: 1998:97269 EPFULL  
UPDATE DATE PUBLICATION: 20050601  
DATA UPDATE DATE: 20050601  
DATA UPDATE WEEK: 200522  
TITLE (ENGLISH): AROMATIC COMPOUNDS HAVING CYCLIC AMINO OR SALTS THEREOF  
COMPOSES AROMATIQUES PRESENTANT DES GROUPEMENTS AMINO  
CYCLIQUES OU LEUR SELS  
TITLE (FRENCH):  
TITLE (GERMAN): AROMATISCHE VERBINDUNGEN MIT EINER ZYKLISCHEN  
AMINOGRUPPE ODER IHRE SALZE  
INVENTOR(S): NISHIDA, Hidemitsu Mochida Pharmaceutical Co., Ltd, 7,  
Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515, JP;  
HOSAKA, Yoshitaka Mochida Pharmaceutical Co., Ltd., 7,  
Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515, JP;  
MIYAZAKI, Yutaka Mochida Pharmaceutical Co., Ltd., 7,  
Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515, JP;  
MATSUSUE, Tomokazu Mochida Pharmaceutical Co., Ltd, 7,  
Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515, JP;  
MUKAIHIRA, Takafumi, Mochida Pharma. Co., Ltd, 7,  
Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 -8515, JP  
PATENT APPLICANT(S): MOCHIDA PHARMACEUTICAL CO., LTD., 7, Yotsuya 1-chome,  
Shinjuku-ku Tokyo 160-8515, JP  
PATENT APPL. NUMBER: 469263  
AGENT: Gruenecker, Kinkeldey, Stockmair & Schwanhaeusser  
Anwaltssozietät, Maximilianstrasse 58, 80538 München,  
DE  
AGENT NUMBER: 100721  
DOCUMENT TYPE: Patent  
LANGUAGE OF FILING: Japanese  
LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
PATENT INFO TYPE: EPA1 Application published with search report  
PATENT INFORMATION:  
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1048652	A1	20001102
WO 9933805		19990708
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE		
AL LT LV MK RO SI		
EP 1998-961642	A	19981228
WO 1998-JP6002	A	19981228
JP 1997-367538	A	19971226
JP 1998-311491	A	19981030

DESIGNATED STATES:

EXTENSION STATES:

APPLICATION INFO.:

PRIORITY INFO.:

ABEN

Compounds represented by general formula (I) or salts thereof which specifically inhibit FXa, exert a potent anticoagulant effect and thus are useful as medicinal compositions, wherein G1 to G4, X and Y represent each CH or N; Z1 represents -SO<sub>2</sub>- or -CH<sub>2</sub>-; Q represents aryl or heteroaryl; and R1 to R9 represent each hydrogen or a substituent.

(image, 8000.1, chemical formulae)